

## Group Work #19

Kerry Ojakian's MTH 30 Class

Names of Group Members (first and last):

### General Instructions:

- You may work in a group of **at most 3 students**.
- Hand in **one** assignment for your group; write each group member's full name on the assignment.

### The Assignment

- The radius of the earth is about 4000 miles. Right now we are in NYC; pick a city to travel to. In taking this journey we travel along the arc of a circle. Use a map program (like Google Maps) to determine the arclength. Now use the formula to determine the central angle you would span in going from NYC to your city of choice. Use a calculator as needed and round to the nearest tenth.

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